# Solid Principles proofs

## 1.Single\_Responsibility

# 2.Open\_Closed

#### 3.Liskov Substitution

## 4.Interface \_Segregation

#### 5.Dependency Inversion

```
🗾 dependency_inversion.java 🔀
  package substitution_principles;
interface Keyboard {
         void type();
  6 class WiredKeyboard implements Keyboard {
         public void type() {
              System.out.println("Typing using Keyboard...");
         private Keyboard keyboard;
 15
         Computer(Keyboard keyboard) {
              this.keyboard = keyboard;
         }
 19
         void useKeyboard() {
              keyboard.type();
 24 public class dependency_inversion {
         public static void main(String[] args) {
              Keyboard kb = new WiredKeyboard();
              Computer comp = new Computer(kb);
              comp.useKeyboard();
 30 }
📃 Console 🗶 🔫 Progress
<terminated> dependency_inversion [Java Application] C:\Users\Harsha Vardhan\Downloads\spring-tools-for-
Typing using Keyboard...
```